

Notice of Allowability

Application No.

10/582,183

Examiner

SUNIL CHACKO

Applicant(s)

SHIMOKAWA ET AL.

Art Unit

2625

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/29/2010.
2. ☒ The allowed claim(s) is/are 1,2 & 5-7 (renumbered as 1-5, respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 20100724.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/SUNIL CHACKO/
Examiner, Art Unit 2625

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Raymond Michael Ananiana (Reg. No. 35, 050) on July 23, 2010.
3. The amendment filed on 04/29/2010 has been entered.
4. In the claim filed on 04/29/2010, the Applicant has failed to limit Claims 5 & 6 to a non-transitory computer-readable recording medium. To correct such, the Examiner has proposed the following amendment to Claim 5 and 6.
5. Succeeding the Applicant amendment of 04/29/2010, the application has been amended as follows:

Claim 5 (Currently amended) An article of manufacture comprising: a non-transitory computer-readable storage media providing instructions which, when executed by a computer, cause the computer to perform a method for adjusting one or more of position and shape of a print image without performing mechanical position correction in a printing device, the instructions including:

instructions to create print data for the print image prior to creating binary image data including printing-plate creation data for printing the print image on a printing medium using a plurality of printing plates, wherein the print data for the print image

includes an image type data for an image type corresponding to the print image, and a position data for determining one or more of an image type position data corresponding to a position of the image type in the print image and an image type shape data indicating a shape of the image type in the print image, wherein the instructions to create the print data for the print image include:

instructions to determine deformation information of a print image downstream from the print image during printing of the downstream print image in the printing device, the deformation information indicating an amount of elongation or contraction correction to be applied to the printing medium in a direction the printing medium is to be elongated or contracted;

instructions to adjust one or more of the position and the shape of the print image without performing mechanical position or shape correction in the printing device including correcting the image type data of the print image by changing the position of the image type data in the print image and the shape of the image type data in the print image based on corresponding position data and the deformation information of the downstream print image; and

instructions for generating the print data for the print image based on the corrected image type data of the print image to match print positions of the print image with corresponding print positions of the downstream print image, wherein the generating the print data occurs prior to binarizing the print data for the creation of printing-plate creation data.

Claim 6 (Currently amended) An article of manufacture comprising:

a non-transitory computer-readable recording medium containing instructions, which when executed by a computer, cause the computer to perform a method for creating print data, the instructions including:

instructions to create print data for printing a print image in a printing device, in which the print data is created before creating binary image data including a plurality of printing-plate creation data for printing the print image on a printing medium using a plurality of printing plates, wherein the print data includes an image type data including an image type of the print image and a position data including one or more of an image type position data corresponding to a position of the image type in the print image and an image type shape data indicating a shape of the image type in the print image, wherein the instructions for creating the print data include:

instructions to determine deformation information on an amount of elongation or contraction in a direction in which the printing medium is to be elongated or contracted based on a previously printed print image while the previously printed print image is being printed to the printing medium using the plurality of printing plates;

instructions to adjust one or more of the position and the shape of the print image without performing mechanical position or shape correction in the printing device including correcting the image type data of the print image in terms of elongation or contraction in the direction in which the printing medium is to be elongated or contracted by changing the position of the image type data and the shape of the image type data

based on corresponding position data and the deformation information of the previously printed print image; and

instructions to generate the print data for the print image subjected to the elongation or contraction correction prior to binarizing the print data for creating printing-plate creation data.

[End Amendment]

6. All other claims are identical to the version filed on 04/29/2010.
7. The following is an examiner's statement of reasons for allowance: Examiner agrees with Applicant Remarks filed on 04/29/2010.
8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SUNIL CHACKO whose telephone number is (571)270-7221. The examiner can normally be reached on Mon-Thurs 8AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Benny Q. Tieu can be reached on 571-272-7490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SUNIL CHACKO/
Examiner, Art Unit 2625

**/Benny Q Tieu/
Supervisory Patent Examiner, Art Unit 2625**